

Workplace Assistive Technology You Should Know About

Bill Youngman, MSW

Assistive Technology Services, Area 2

Vocational Rehabilitation, Washington State

206-437-9681

bill.youngman@dshs.wa.gov

What is Assistive Technology?

- ▶ “any item, piece of equipment, or product system whether acquired commercially off-the-shelf, modified, or customized, that is used to increase, maintain or improve the functional capabilities of individuals with disabilities” (U.S. Congress, 1988)

High School

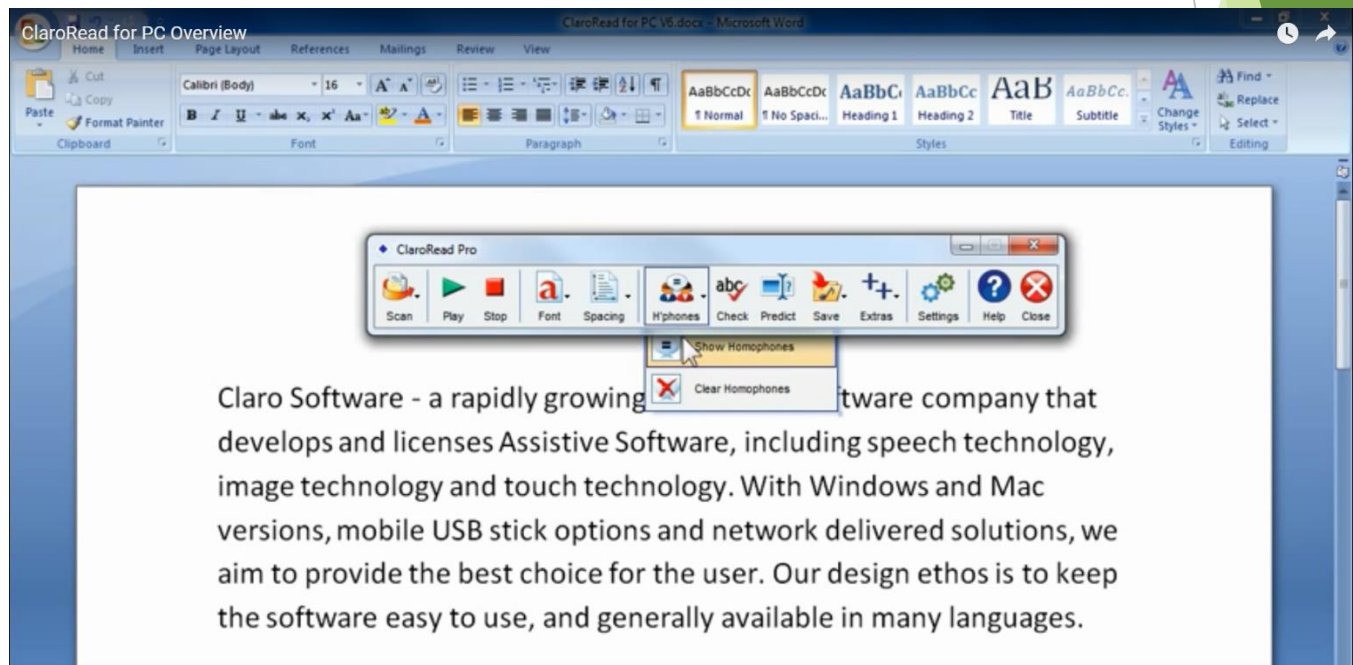
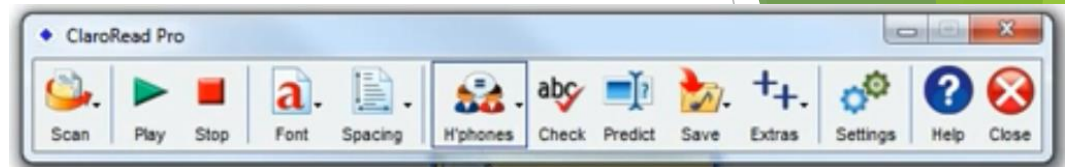


How is the
workplace
different from the
school
environment?



Reading and writing

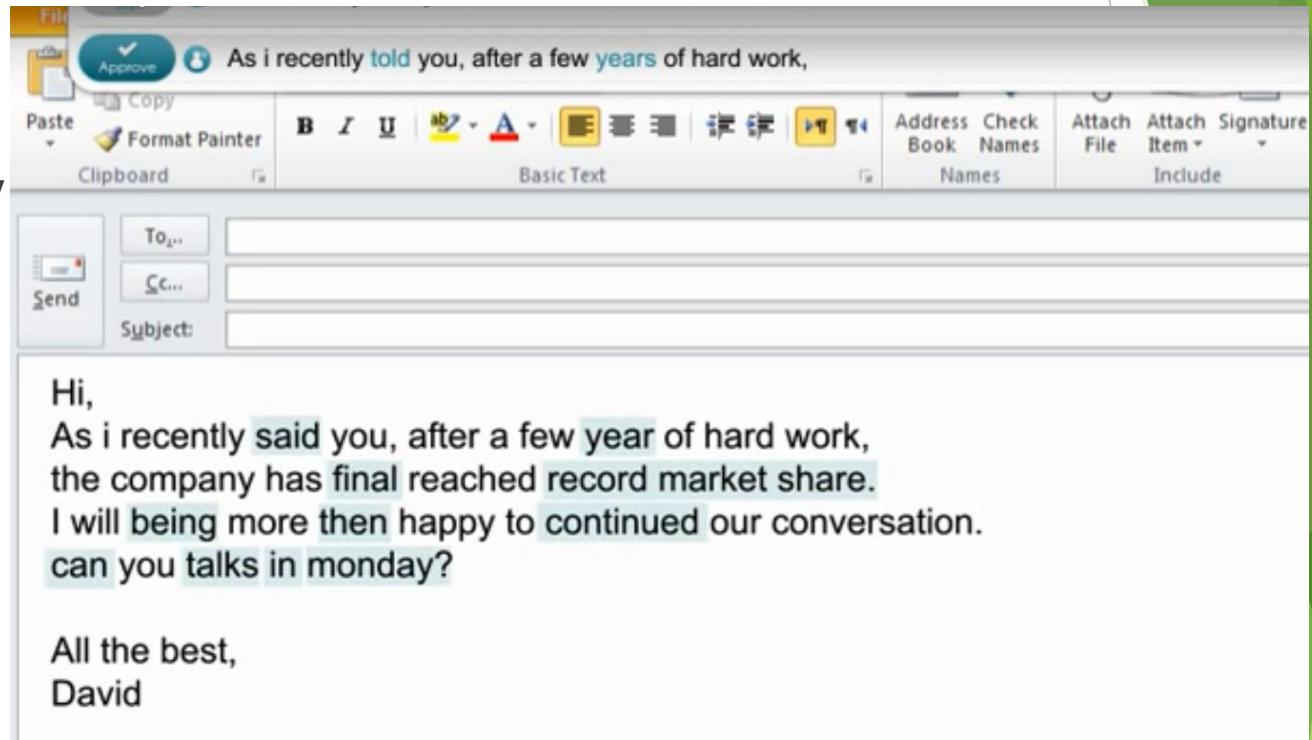
- Cross platform literacy suites



Claro Software - a rapidly growing software company that develops and licenses Assistive Software, including speech technology, image technology and touch technology. With Windows and Mac versions, mobile USB stick options and network delivered solutions, we aim to provide the best choice for the user. Our design ethos is to keep the software easy to use, and generally available in many languages.

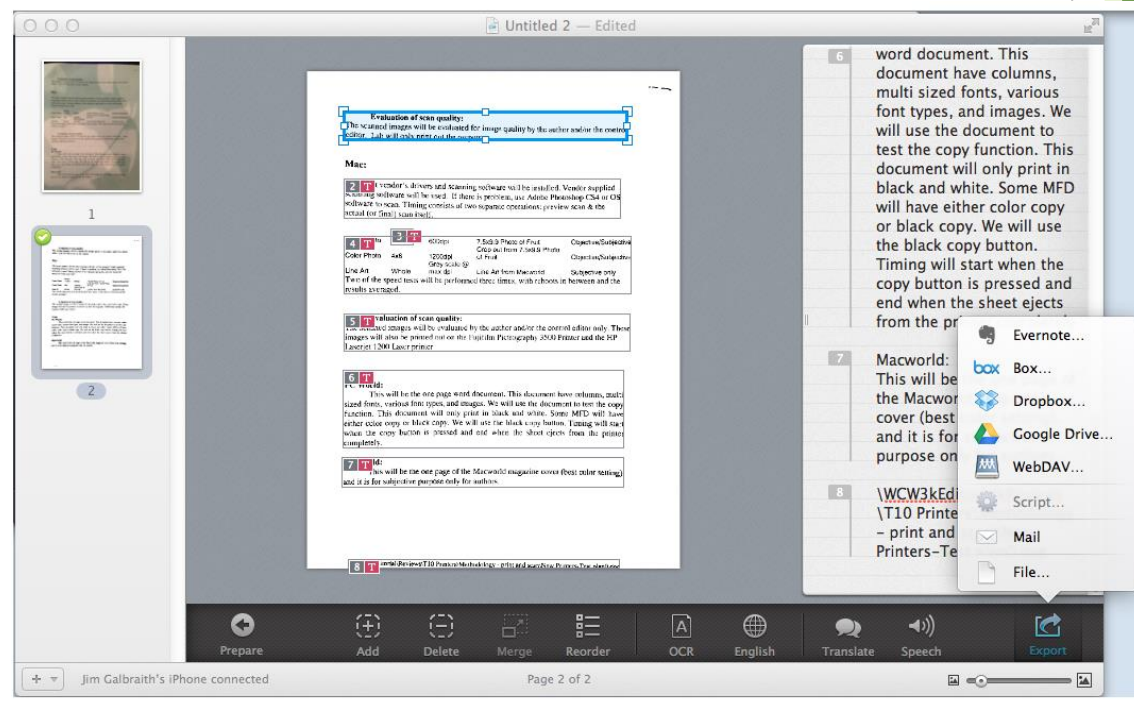
Proofreading software

- ▶ Ghotit
- ▶ Ginger
- ▶ Grammarly



Reading and Writing support: mobile devices

- ▶ Scan to read programs:
 - ▶ Claro Scan Pen
 - ▶ Prizmo



Note taking

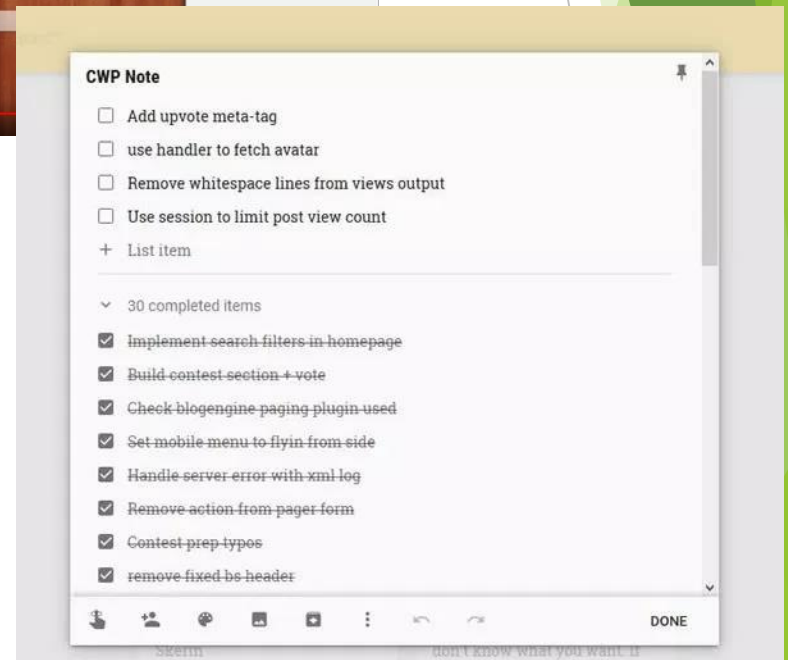
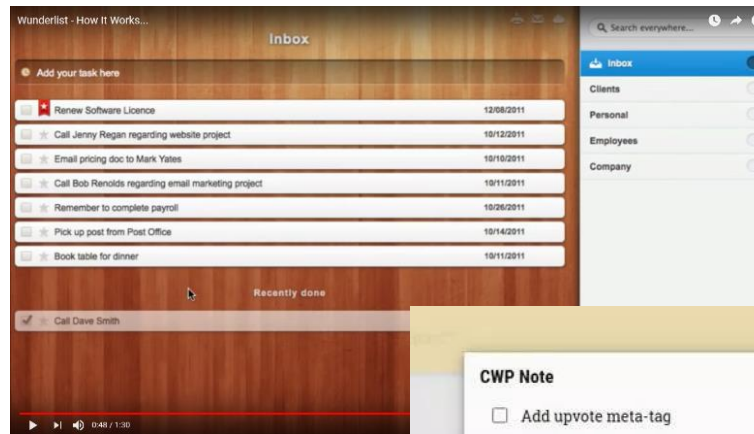
- ▶ Livescribe Smartpen
- ▶ Audio Note and similar apps
- ▶ These apps synchronize audio recordings to your written or typed notes



Organization

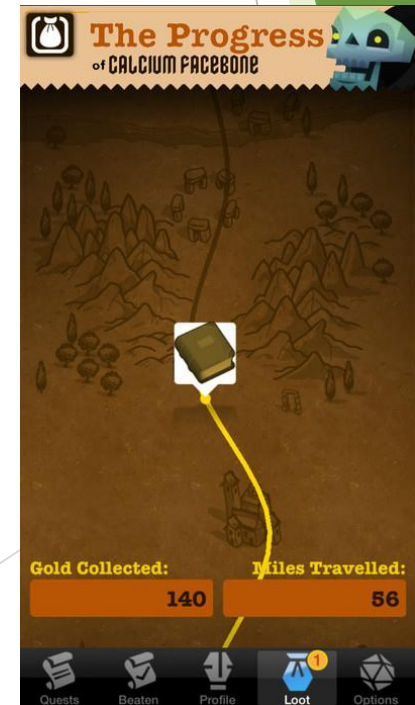
Task lists and checklists

- ▶ Any Do
- ▶ Wonderlist
- ▶ Microsoft To Do
- ▶ Google Keep
- ▶ Epic Win

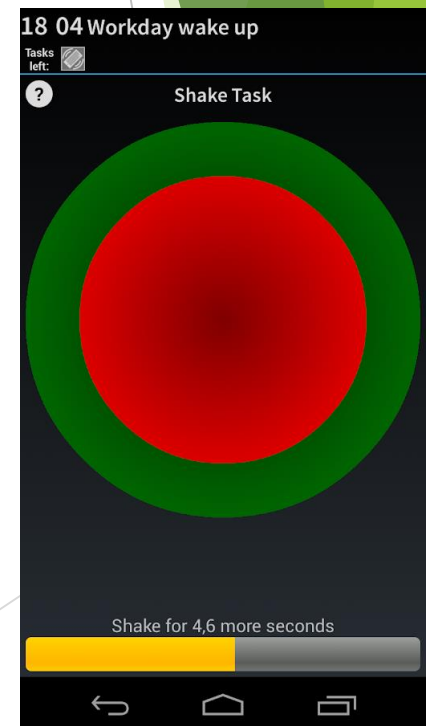
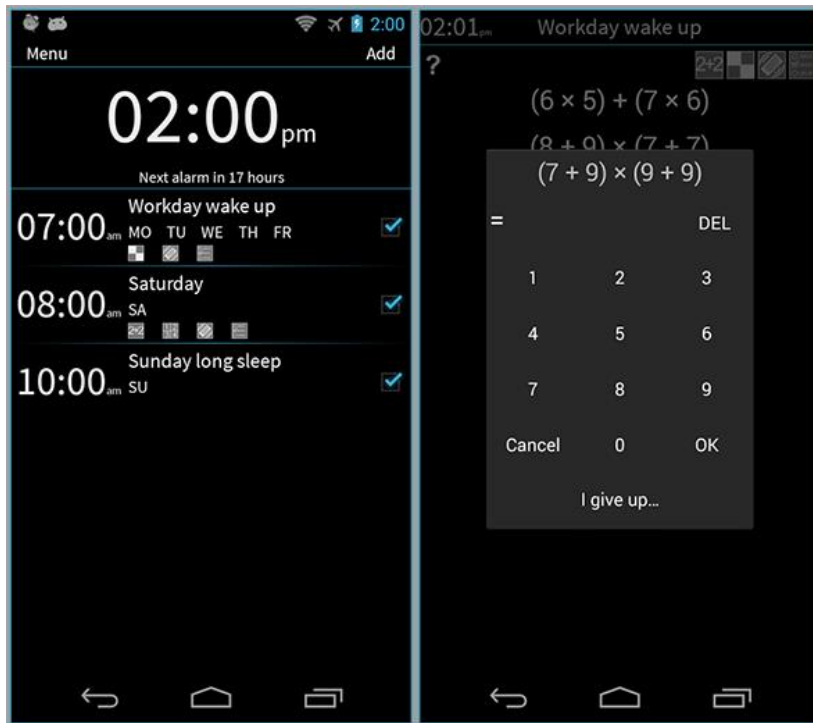


Product focus - Epic Win

- ▶ Checklist app that combines features with a roleplaying game.



Product Focus: I Can't Wake Up! Alarm Clock app

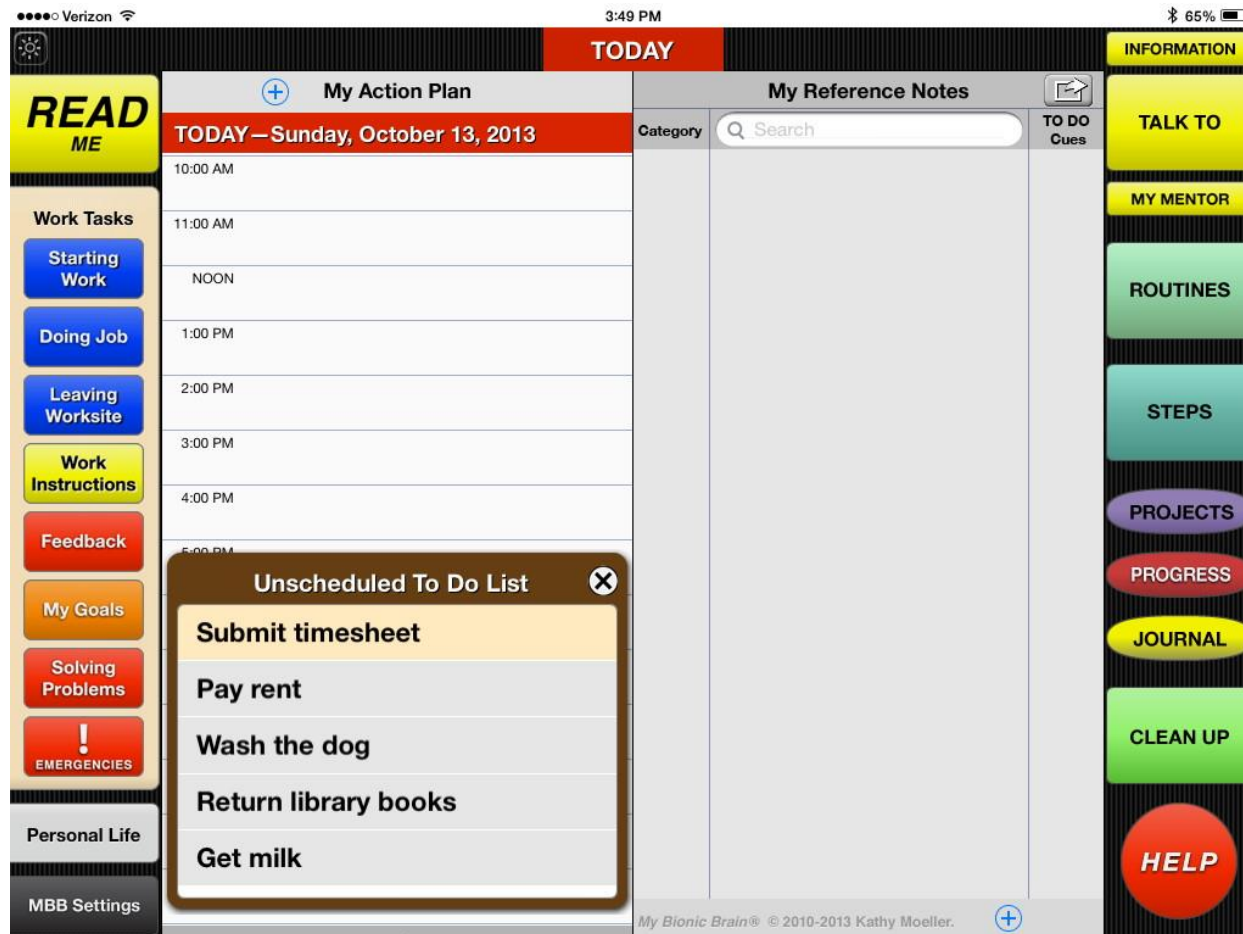


Organization- cross platform apps

- ▶ Evernote and OneNote
 - ▶ Electronic file boxes - you stuff them full of information you will (or might) need.
 - ▶ Organize
 - ▶ Or leave stuff in a jumble - you can use the search function.
 - ▶ Allows you to organize information across all types of media
 - ▶ Paper notes
 - ▶ Pictures
 - ▶ PDF's
 - ▶ Emails
 - ▶ Word Docs
 - ▶ Scraps of paper
 - ▶ Audio recordings
 - ▶ Videos
- ▶ <https://youtu.be/4wXfiAmTV10>



Organization product focus: Special solution for TBI My Bionic Brain



Organization product focus: Special solution for TBI My Bionic Brain

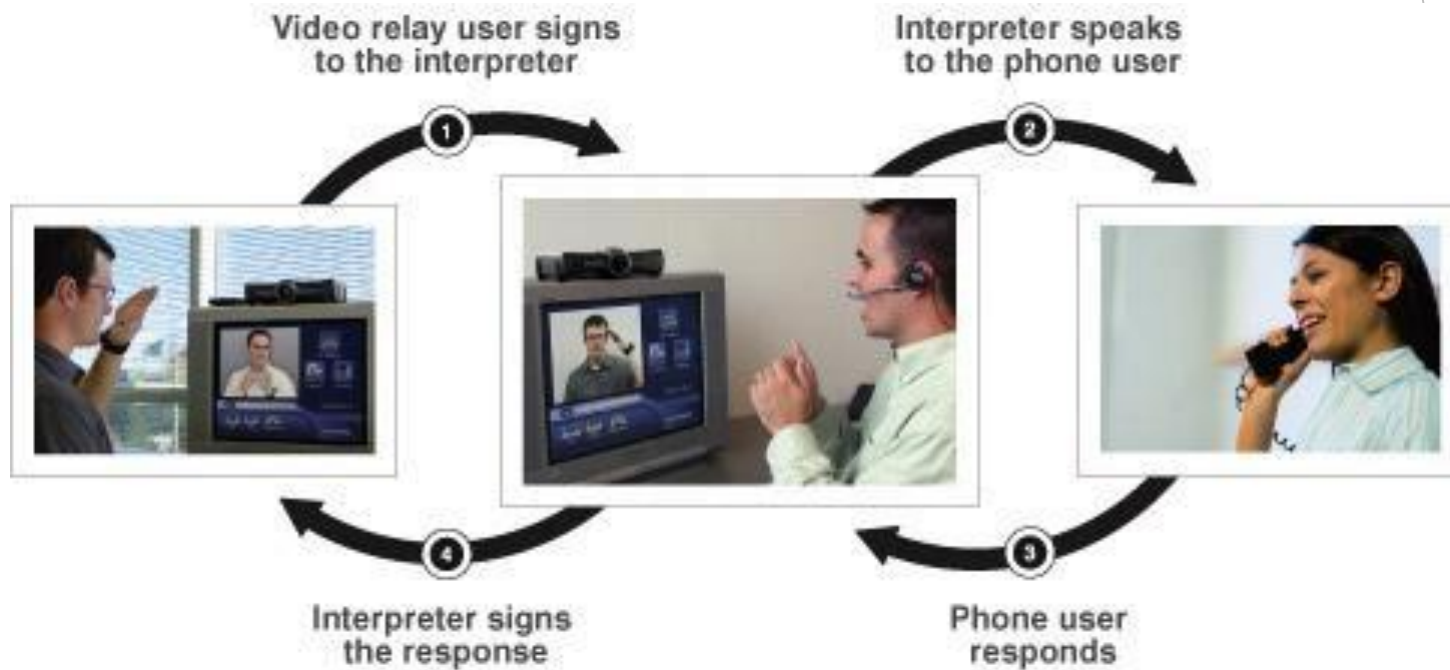
The screenshot displays the 'My Bionic Brain' software interface, designed for organizational support. The interface is divided into several main sections:

- Top Bar:** Features a 'TODAY' tab and a 'My Action Plan' section for 'TODAY – Thursday, February 27, 2014'.
- Left Sidebar (My FOCUS):** Contains buttons for 'Work Tasks' (Starting Work, Doing Job, Leaving Worksite, Work Instructions, Feedback, My Goals, Solving Problems, EMERGENCIES), 'Personal Life', and 'MBB Settings'.
- Central Panel:**
 - My Action Plan:** A color-coded schedule for the day, with a callout stating: 'An integrated, color-coded SCHEDULE is in **ONE PLACE – My Bionic Brain® Action Plan**'.
 - My Reference Notes:** A keyword-searchable section for 'Memory Notes', with a callout stating: 'Keyword searchable "Memory Notes" are all in **ONE PLACE – My Bionic Brain® Reference Notes**'.
 - Questions and Answers:** A section providing quick access to various features, such as finding appointments, reminders, cues, feedback, goals, coping strategies, emergency procedures, and adjusting settings.
- Right Sidebar (INFORMATION):** Includes buttons for 'TALK TO', 'MY MENTOR', 'ROUTINES', 'STEPS', 'PROJECTS', 'PROGRESS', 'JOURNAL', 'CLEAN UP', and a large red 'HELP' button.

At the bottom, the copyright notice reads: 'My Bionic Brain® © 2010-2013 Kathy Moeller.'

Sensory: Hearing

- ▶ Video Relay Service (VRS)
- ▶ VRS apps on tablets and smartphones



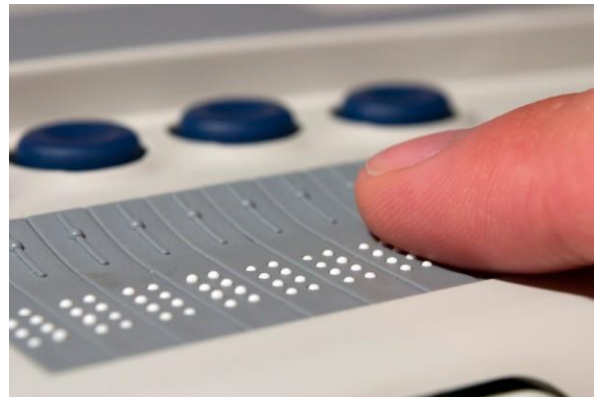
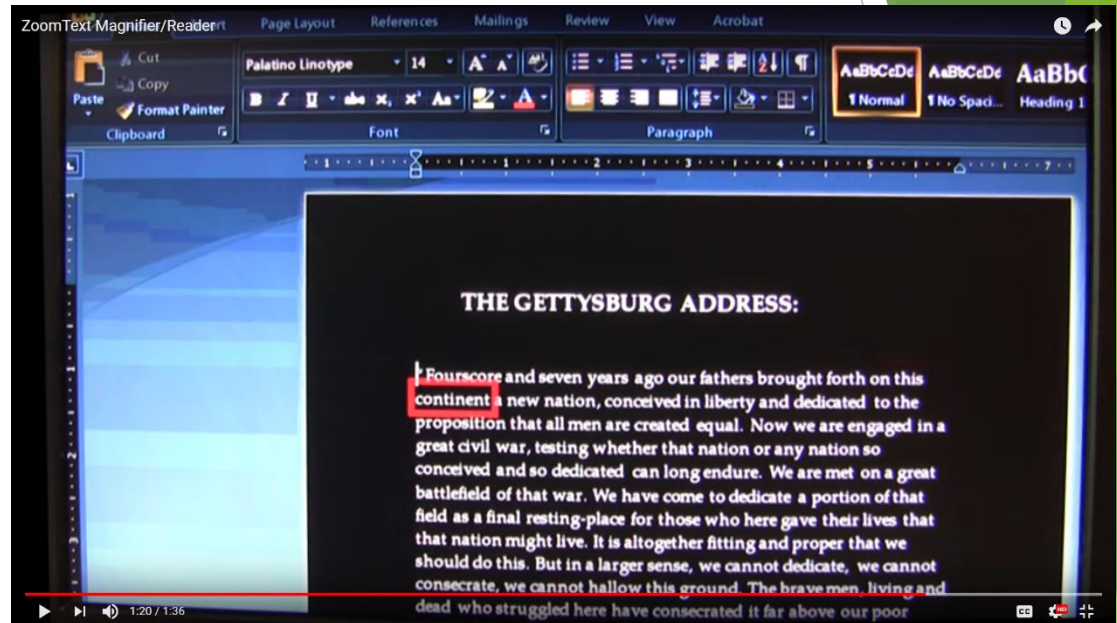
Sensory: Hearing

- ▶ Ava - real time closed captioning service - works for meetings or presentations.
- ▶ Ava is free for those using it less than five hours per month and \$29.99 per month for unlimited use.



Sensory: Vision

- ▶ Screen Magnifiers
- ▶ Screen readers
- ▶ Handheld Magnifiers
- ▶ Refreshable braille displays

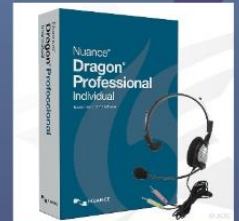


Speech to text

- Dragon NaturallySpeaking

Voice Dictation

Speech Recognition technology helps people with typing limitations. It also helps some people with learning disabilities.



Ergonomics



Ergonomics

- ▶ Special Tool handles
- ▶ Lifting aids



Ergonomics in farm and industry

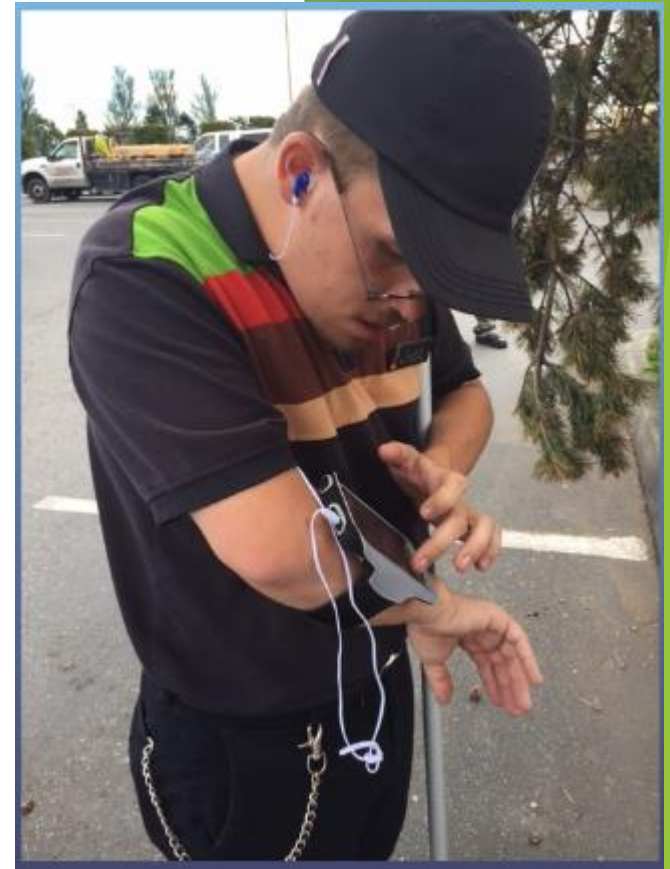


Ergonomics



Apps for people with Developmental Disabilities

- CanPlan (has alarms)
<https://itunes.apple.com/us/app/canplan/id598687543?mt=8> Video
<https://www.youtube.com/watch?v=gGCx8yCyyY>
- Work Autonomy app (Has Timers)
: <https://www.ableapps.com/work-autonomy> https://youtu.be/jk_iqzNchOk
- Visual Impact 3 for ipad (\$150)
Video Demo <https://youtu.be/B2hUhlOwkZg>
app: <https://itunes.apple.com/us/app/visual-impact-3/id950058687?mt=8> note: Visual impact 3 for iPhone is also available (\$10)



Products and links

- ▶ Claro Claroread, Claro Scan Pen literacy apps - <https://www.clarosoftware.com/>
- ▶ Ghotit Dyslexia Writing & Reading Assistant - <https://www.ghotit.com/>
- ▶ Ginger grammar app <http://www.gingersoftware.com/>
- ▶ Grammarly grammar app <https://www.grammarly.com/>
- ▶ Prizmo scan to read app <https://itunes.apple.com/us/app/prizmo-pro-scanner/id366791896?mt=8>
- ▶ Livescribe smartpen www.livescribe.com
- ▶ AudioNote app <http://luminantsoftware.com/iphone/audionote.html>
- ▶ AnyDo app <https://www.any.do/>
- ▶ Wunderlist app <https://www.wunderlist.com/>
- ▶ MS To-Do <https://todo.microsoft.com/en-us>
- ▶ Google Keep <https://www.pcworld.com/article/2995027/google-apps/5-ways-to-use-google-keep-to-manage-tasks.html>
- ▶ Epic Win <http://www.rexbox.co.uk/epicwin/>
- ▶ I Can't Wake Up! Alarm clock app <http://kogcreations.com/>
- ▶ Evernote <https://evernote.com/>
- ▶ MS OneNote www.onenote.com
- ▶ My Bionic Brain <https://cognitiveharmonics.com/>
- ▶ AVA real-time captioning app <https://www.ava.me/>
- ▶ AT for Vision <http://www.afb.org/prodmain.aspx>
- ▶ Ergo Mate Lite Anti-Fatigue Overshoe, Black, Medium Link: <http://a.co/87XKKQS>
- ▶ CanPlan app (has alarms) <https://itunes.apple.com/us/app/canplan/id598687543?mt=8> Video <https://www.youtube.com/watch?v=gGCx8yCywyY>
- ▶ Work Autonomy app (Has Timers) : <https://www.ableopps.com/work-autonomy> https://youtu.be/1jk_iqzNchOk
- ▶ Visual Impact 3 for ipad (\$150) Video Demo <https://youtu.be/B2hUhlOwkZg> app: <https://itunes.apple.com/us/app/visual-impact-3/id950058687?mt=8>

Thank You!

Bill Youngman youngba@dshs.wa.gov

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Assistive Technology Specialist, DVR



Where to buy stuff:

- ▶ Boundless AT www.boundlessAT.com Wide variety of AT
- ▶ Enablemart www.enablemart.com Wide variety of AT
- ▶ Allegro Medical www.allegromedical.com/ Great selection of daily living aids
- ▶ Work Autonomy App <https://itunes.apple.com/app/id687348090>
- ▶ PEAT www.brainaid.com Ablenet <http://www.ablenetinc.com/>
- ▶ Resources:
- ▶ Washington Assistive Technology Access Program (WATAP): Assistive Technology resources for people. For a small fee you can try a device in your home to see if it works for you.
- ▶ www.watap.org
- ▶ Washington State Division of Vocational Rehabilitation: Comprehensive services for people with disabilities to help them obtain or maintain employment.
- ▶ <http://www.dshs.wa.gov/dvr/>
- ▶ Job Accommodation Network: Free service that helps employers and employees find accommodation solutions. Great resource for employers and workers with disabilities, as well as VRC's.
- ▶ www.askjan.org
- ▶



